

# FirstNet and Emergency Medical Services



*"It's amazing what this network is going to provide for emergency medical services across the nation — things we only dreamed about five years ago."*

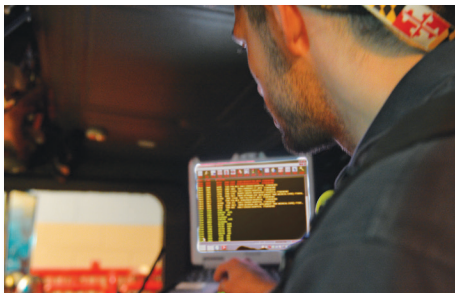
— Paul Patrick,  
FirstNet Board Member and Division Director,  
Family Health and Preparedness,  
Utah Department of Health

As a member of the emergency medical service, you know having the right tools improves response. You and your department rely on mobile applications to provide computer aided dispatching, mapping tools, patient care reporting, and hazardous materials information. But during emergencies or large events, congestion on commercial networks can make your vital data sources unreachable or unreliable.

## Always-on connection, priority and preemption, innovative tools

FirstNet will bring you priority access and improved coverage so you can provide the best pre-hospital care possible. FirstNet can help you:

- Transmit images in real time from new diagnostic tools, such as ultrasound and CT
- Exchange real-time audio/video feeds with hospitals and physicians while on the scene and during transport
- Send sensitive patient data securely
- Use patient tracking and bed management software for real-time monitoring



## Complementing radio networks, available for agencies or BYOD

FirstNet provides high-speed data services and non-mission-critical voice to augment the capabilities of today's Land Mobile Radio (LMR) systems. Because many paramedics depend on their personal mobile devices on the job, FirstNet is available for qualified, individual first responders who want to transition to the FirstNet network.



For use cases and testimonials, visit [FirstNet.gov/FirstNetinAction](http://FirstNet.gov/FirstNetinAction)

Learn more about the First Responder Network Authority at [FirstNet.gov](http://FirstNet.gov);  
learn FirstNet products and services on [FirstNet.com](http://FirstNet.com)

## The FirstNet network supports:

### Mission-critical applications

- Medical imaging – live transmission of CT and ultrasound
- Live transmission – all medical data from scene to the hospital/ medical direction
- Video sharing
- Medication dilution calculations – live or online calculators
- CAD
- GIS

### Applications

- Office tools (PDF, Word)
- Records management
- Patient reports, ePCRs (electronic Patient Care Reports)
- Database access
- FirstNet App Catalog will provide EMS specific applications

### Secure connectivity

- Strong user authentication
- Application VPN
- Secure mobile gateway

### Device management

- End-to-end encryption on dedicated core
- Local agency control of devices and use



**FirstNet®**